

LabelSystem SC-25

Shaping the development in the industrial
production of square-cut labels



Description LabelSystem SC-25

POLAR LabelSystem SC-25 is extremely efficient and accurate in cutting. Two strips can be processed simultaneously with a performance of up to 1,560 packs banded in 60 minutes. It is designed as a modular system especially for industrial manufacturing of minimum-size labels. First of all, a POLAR high-speed cutter cuts the label material to strips, either in-line or off-line. Finishing is carried out in the automatic cutter POLAR Autocut 25, the central component of LabelSystem SC-25.

Workflow:

The pre-cut strips are manually positioned on the LT-S and afterwards **pushed onto the Autocut rear table. In the Autocut the strips are arranged on the rear table with their sides and front** precisely aligned. Two strips, each, are cut simultaneously. After being cut, the two labels are transferred via a swivel unit into the BSduo banding device. First, the two labels are separated. Then, a feeder unit pushes them through the banding material where they are properly welded. The banded products are transferred to the material delivery unit along special guide elements that ensure a careful transport. They can be removed for being packed.

Customer benefits

- ❖ Tax Label Solution: cutting of minimum-size labels
- ❖ Excellent performance of up to 1,650 bundles per 60 minutes with a minimum manpower
- ❖ Intuitive cutting program generation and alternate frame systems for the knife ensure minimum setup times
- ❖ Ultimate cutting precision, because the material is held fast
- ❖ Very reliable for the daily work and long service life
- ❖ Careful material transport with special guide elements in the delivery unit

Technical data

Label size min. ¹	14 × 40 mm 0.55 × 1.57 in
Label size min. ¹ (optional)	11 × 30 mm 0.43 × 1.18 in
Label size max.	50 × 120 mm 4.72 × 4.72 in
Stack height min.	25 mm 0.98 in
Stack height max.	100 mm 3.94 in
Performance max. ²	26 bundles / minute

Further technical data are available for download on our website

Benchmarking (bundles / 60 minutes)

	SC-20 ³	SC-21 ⁴	SC-25 ⁴
Number of helpers operators	1 1	1 1	1 1
24 labels / sheet (4×6 waste cuts)	314	890	-
96 labels / sheet (8×12 waste cuts)	712	2,044	1,053
192 labels / sheet (12×16 no waste cuts)	1,296	3,185	1,560

¹ depending on stack height | ² depending on material, label size

³ including pre-cutting | ⁴ excluding pre-cutting



Edition: 05.2022 \ Subject to technical alterations